



# LG G3 Rear Facing Camera Replacement

Replacing the rear-facing camera.

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## INTRODUCTION

The rear-facing camera may be causing problems due to either the ribbon cable not being connected properly or because the camera is broken. This guide should help you fix both problems.



### TOOLS:

- [Metal Spudger](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)



### PARTS:

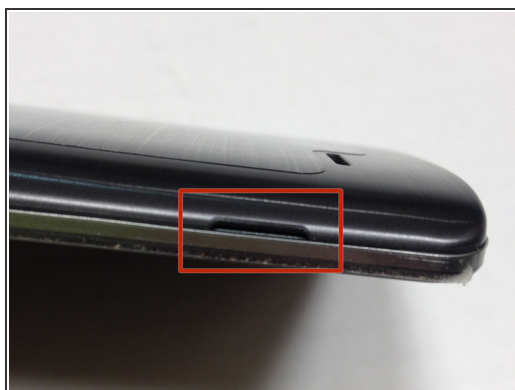
- [LG G3 Rear Facing Camera](#) (1)

## Step 1 — Rear Case



- Take your phone and place it screen down.

## Step 2



- Start by lifting the back panel using the gap located on the bottom-left side of the phone.
- Insert the plastic opening tool into the gap and move it along the edge of the phone until the rear case pops off.



## Step 3 — Battery



- Remove the battery from the phone.

## Step 4 — Rear Facing Camera



- Remove the 13 screws found on the back of the phone.
- ⓘ The screw circled in red is shorter than the other 12 screws. For an easier time when reassembling the phone, store it separately from the other screws.

## Step 5



- Locate the same gap used in the earlier step
- Remove the bottom panel by gently lifting using your fingers

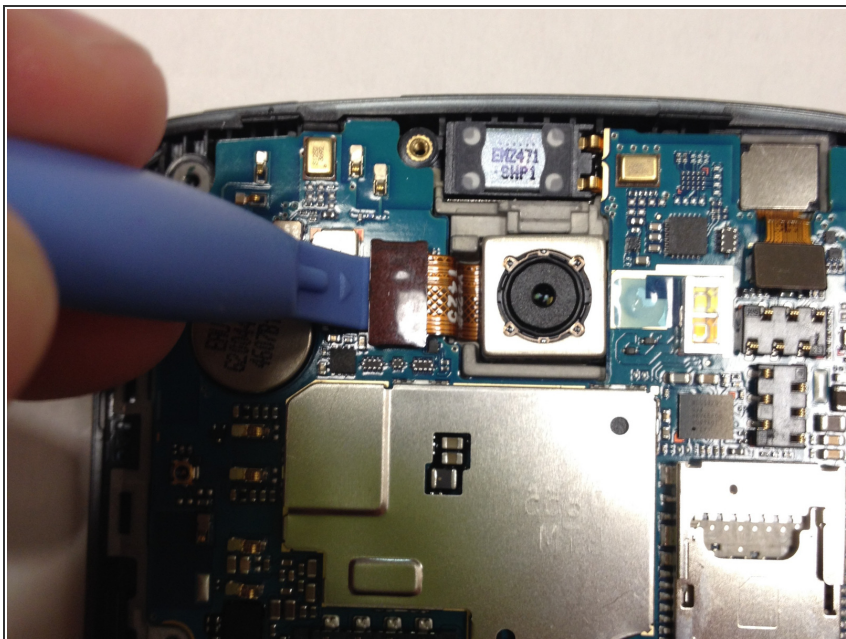
## Step 6



- Remove the top panel by gently lifting with your finger
- ⓘ Do not pull up too forcefully, as there is a risk of the top panel breaking

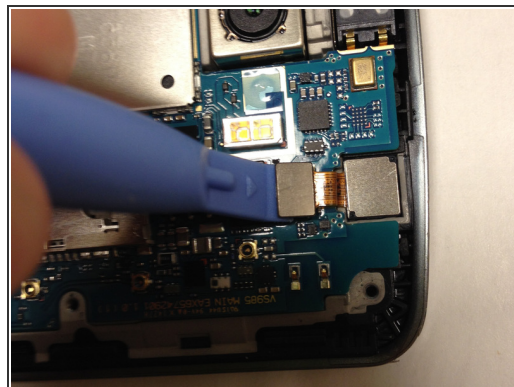
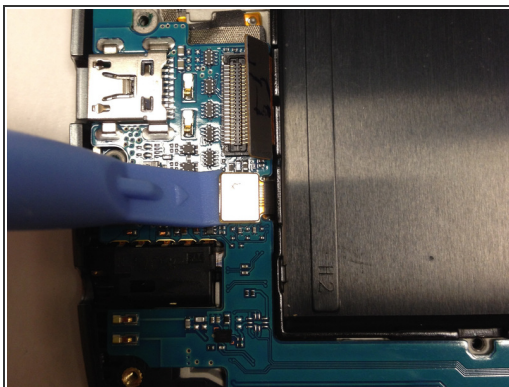


## Step 7



- Check to see that the ribbon cable is connected properly. If it was not, connect it and see if the rear-facing camera now functions as intended. Otherwise, proceed
- Take the plastic opening tool and gently wedge it under where the ribbon cable is connected
- Gently lift up to disconnect the ribbon cable

## Step 8



- Repeat the same process for the other 3 ribbon cables connected to the motherboard

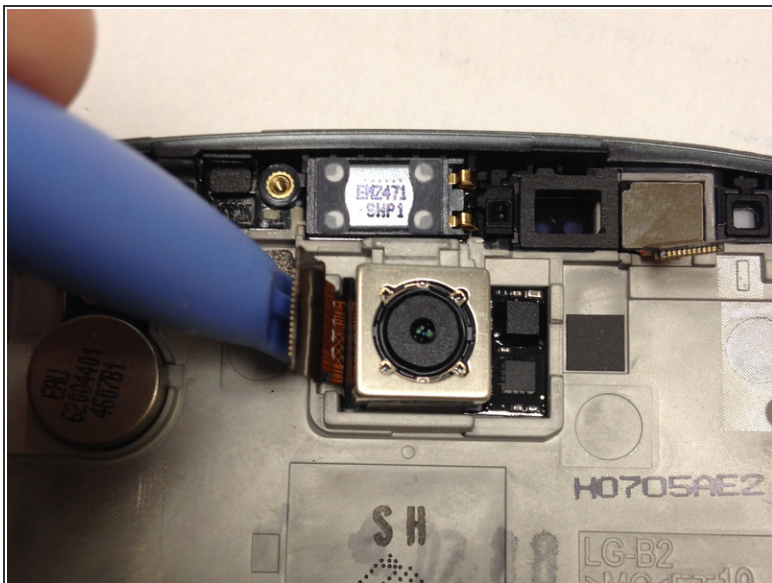
## Step 9



- Remove the motherboard by lifting gently
- ⓘ Take care not to damage the ribbon cables if the other components are functional. Damaging them may result in other components not working



## Step 10



- Take the plastic opening tool and remove the rear-facing camera by wedging it into the sides and lifting up
- ⓘ The rear-facing camera is kept in place with a double-sided tape, so it may take some time and effort to get it out. Attack it from all sides

## Step 11



- Remove the old rear-facing camera



To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-06-25 03:56:05 PM.